

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 44bis.3(c) and 72.2)

To:

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Chuo-Ku, Tokyo 1040041
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Date of mailing (day/month/year) 18 May 2006 (18.05.2006)	
Applicant's or agent's file reference S04P1108WO00	IMPORTANT NOTIFICATION
International application No. PCT/JP2004/011476	International filing date (day/month/year) 10 August 2004 (10.08.2004)
Applicant SONY CORPORATION et al	

1. Transmittal of the translation to the applicant.



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

None

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO
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Authorized officer

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PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference S04P1108WO00	FOR FURTHER ACTION		See item 4 below
International application No. PCT/JP2004/011476	International filing date (<i>day/month/year</i>) 10 August 2004 (10.08.2004)	Priority date (<i>day/month/year</i>) 14 August 2003 (14.08.2003)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant SONY CORPORATION			

- This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).
- This REPORT consists of a total of 7 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.
- This report contains indications relating to the following items:

<input checked="" type="checkbox"/> Box No. I	Basis of the report
<input type="checkbox"/> Box No. II	Priority
<input type="checkbox"/> Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input checked="" type="checkbox"/> Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/> Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/> Box No. VI	Certain documents cited
<input type="checkbox"/> Box No. VII	Certain defects in the international application
<input checked="" type="checkbox"/> Box No. VIII	Certain observations on the international application
- The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Date of issuance of this report 08 May 2006 (08.05.2006)
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PATENT COOPERATION TREATY

TRANSLATION

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference

S04P1108WO00

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/JP2004/011476

International filing date (day/month/year)

10.08.2004

Priority date (day/month/year)

14.08.2003

International Patent Classification (IPC) or both national classification and IPC

Applicant

SONY CORPORATION

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☒ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☒ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
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Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language
_____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

☐ a sequence listing

☐ table(s) related to the sequence listing

b. format of material

☐ in written format

☐ in computer readable form

c. time of filing/furnishing

☐ contained in the international application as filed.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

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Box No. IV Lack of unity of invention

1. ☐ In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has:
- ☒ paid additional fees
- ☐ paid additional fees under protest
- ☐ not paid additional fees
2. ☐ This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is
- ☐ complied with
- ☒ not complied with for the following reasons:

Document 1: JP 2001-257670 A (Hitachi, Ltd.) 21 September, 2001 (21.09.01) Paragraph [0006] & WO 2001/069844 A1

Document 2: Keiji Horiuti, Takatoshi Yoshikawa "The New Method of License Key Management for Content Distribution System-key management for grouping content-" IEEE International Conference on consumer electronics 2003, 2003.06.17, p.56-57

In document 1, memorizing contents data or contents data which was encoded in a different key for each group in storage medium having portability such as CDs is described.(Paragraph [0006])

In document 2, preparing a group key for groups of contents and decoding all contents belong to a group which was encoded is described. (Referred to 2.(2) of left column of page 56).

According to descriptions of documents 1 and 2 found from the searching results, it is not a specific technical feature to set contents management unit to each contents.

Consequently, there are no common technical features in independent claims 1, 21, 31, 41, and 42. (These are treated as a group of inventions.)

Also, considering to claims which directly site above-mentioned group of inventions, claims which have different technical feature compare to above-mentioned group of inventions among those claims are a. claim which has plural contents management unit (claim 7), b. claim which set a condition management unit concerning network independence condition/related condition (claim 12), and c. claim concerning switching contents management unit (claim 22).

Accordingly, the number of invention of international application described in claims 1-43 is four.

4. Consequently, this opinion has been established in respect of the following parts of the international application:
- ☒ all parts
- ☐ the parts relating to claims Nos. _____

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International application No.

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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability:
citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-43	YES
	Claims	NO
Inventive step (IS)	Claims 7, 22, 32	YES
	Claims 1-6, 8-21, 23-31, 33-43	NO
Industrial applicability (IA)	Claims 1-43	YES
	Claims	NO

2. Citations and explanations:

Document 1: JP 2001-257670 A (Hitachi, Ltd.) 21 September, 2001 (21.09.01) Paragraph [0006] & WO 2001/069844 A1

Document 2: Keiji Moriuti, Takatoshi Yoshikawa "The New Method of License Key Management for Content Distribution System-key management for grouping content-" IEEE International Conference on consumer electronics 2003, 2003.06.17, p.56-57

Document 3: JP 2003-87237 A (Sony Corporation) 20 March, 2003 (20.03.03) Abstract, paragraph [00078], paragraph [265]-[267] (Family:None)

In document 1, memorizing contents data or contents data which was encoded in a different key for each group in storage medium having portability such as CDs is described.(Paragraph [0006])

In document 2, preparing a group key for groups of contents and decoding all contents belong to a group which was encoded is described. (Referred to 2.(2) of left column of page 56).

In document 3, while storing a contents key by encoding into a utilization authority certificate, storing and delivering contents utilization condition such as contents utilization terms, a number of utilization, on line/off line processing, as a condition, existing information showing whether they are on line utilization contents, off line utilization contents, on line number limitation contents, or off line number limitation contents are described. (Abstract, paragraph [0078]).

Concerning claims 1-6, 8-11, 15, 17-21, 23-26, 29-31, 33-36, 39-43

Configuration of record medium of claim 1 which is independent claim does not particularly differ from data structure of documents 1 and 2. Information processing device, information processing method, and program which carry out contents reconstruction processing of claim 21, 31 and 41 are extremely simple implementation to reconstruct data comprising data construction of documents 1 and 2. As for a server of claim 42 which is independent claim, the server conducting to provide a key process appear to be well-known art without any illustrations, and applying the well-known art to the provide a key process of documents 1 and 2 is within the ordinary ability expected of a person skilled in the art. Also, the subject matter described in dependent claims is not specific.

Accordingly, the subject matters of claims 1-6, 8-11, 15, 17-21, 23-26, 29-31, 33-36, and 39-43 do not appear to involve an inventive step, since they are described in documents 1 and 2.

Concerning claims 12-14, 16, 27-28, 37-38

In document 3, technique which condition of utilization to be on line processing and off line processing is described, and applying the technique to documents 1 and 2 is within the ordinary ability expected of a person skilled in the art. Accordingly, the subject matters of claims 12-14, 16, 27-28, and 37-38 do not appear to involve an inventive step, since they are described in documents 1 and 3, and they also do not appear to involve an inventive step, since they are described in

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Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

documents 2 and 3.

Concerning claim 7

"Encoding processing by each different unit keys for a first unit and a second unit" of claim 7 is neither described in documents 1-3, and nor within the ordinary ability expected of a person skilled in the art. Accordingly, the subject matter of claim 7 appears to involve an inventive step.

Concerning claims 22 and 32

"Detecting switching of a contents management unit" of claims 22 and 32 is neither described in documents 1-3, and nor within the ordinary ability expected of a person skilled in the art. Accordingly, the subject matters of claims 22 and 32 appear to involve an inventive step.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

It is estimated that "configuration to carry out the authentication processing" described in claim 43 is an error in writing.